IPL T CR48

Four Contact Input and Eight Relay Port IP Link®
Ethernet Control Interface

FEATURES

- **Eight normally open relays, 24 VDC, 1A**
- **Four contact inputs, TTL only**
- **Controls screens, timers, lights, and more**
- **Integral high performance Web server** — Each IP Link interface features a built-in Web server with memory available for storing device drivers, GlobalViewer, and custom user Web pages.
- **Supports industry standard Ethernet protocols** — All IP Link models use industry standard Ethernet communication protocols, including ARP, DHCP, ICMP, UDP/IP, TCP/IP, Telnet, HTTP, and SMTP.
- **Simultaneous multi-user support** — Each IP Link device supports multiple concurrent users, improving system throughput.
- **E-mail notification enables proactive support** — Technical support administrators and others can receive failure and service messages through an e-mail enabled cell phone, PDA, pager, or Internet e-mail account.
- **Multiple levels of access with password protection** — User access level authorizes limited entry to only pre-designated functions, while administrator access level permits full access to advanced settings.
- **Free Global Configurator, easy-to-use configuration utility** — Global Configurator software, a free Windows® based configuration utility, makes product setup simple and intuitive – no programming knowledge is required.
- **Free GlobalViewer®, Web-based asset management application** — When used with GlobalViewer, IP Link interfaces provide a powerful, flexible way to manage, monitor, and control both Extron and third-party equipment like projectors, plasmas, monitors, VCRs, DVD players, and other devices using a standard TCP/IP network.
- **Internal real-time clock** — Programmable operating alerts, sequencing, and automatic monitoring, together with the real-time clock and calendar, allow IP Link interfaces to routinely check configured devices.
- **Supports Power Over Ethernet, PoE 802.3af** — Power over Ethernet is a technology for wired Ethernet networks that allows the electrical current necessary for the operation of compliant devices to be carried by the data cables rather than by power cords.
- **Plenum rated - meets UL 2043 for heat and smoke release, excluding power supply**
- **External universal power supply included**, part # 70-055-01 — Provides worldwide power compatibility.

DESCRIPTION

The Extron **IPL T CR48** is a compact Ethernet control interface with integral Web server, four contact input ports, and eight relays. It is designed to integrate IP - Internet Protocol connectivity into A/V systems for Web-based remote control of screens, timers, lights, motion sensors, and more. Four contact inputs, TTL only, and eight normally open relays offer the ability to control a wide variety of products in an A/V presentation environment.

GlobalViewer® Web-based Asset Management Application

Extron GlobalViewer is the free, Web-based, asset management and control application designed specifically for IP Link Ethernet network interfaces. With GlobalViewer and the IPL T CR48, users can monitor and control projector lifts, screens, window shades, doors, and lighting systems — all from the convenience of a central monitoring station.

SPECIFICATIONS

ETHERNET CONTROL INTERFACE

Connectors	1 RJ-45 female connector
Data rate	10/100Base-T, half/full duplex with autodetect
Protocols	ARP, DHCP, ICMP (ping), TCP/IP, UDP/IP, Telnet, HTTP, SMTP
Default settings	Link speed and duplex level = autodetected IP address = 192.168.254.254 Subnet mask = 255.255.0.0 Gateway = 0.0.0.0 DHCP = off
Program control	Extron's Simple Instruction Set (SIS™)
Global Viewer requirements	Microsoft® Internet Explorer ver. 6 or higher

RELAY CONTROL INTERFACE

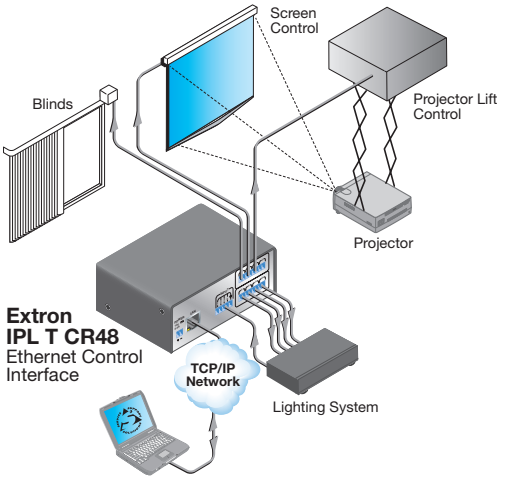
Quantity / Type	8 normaly open relays
Relay control connectors	(2) 3.5 mm captive screw connectors, 8 pole
Relay control contact rating	24 V, 1 A

CONTACT CLOSURE CONTROL INTERFACE

Quantity / Type	4 contact closure inputs on (1) 3.5 mm captive screw connector, 5 pole
Contact closure (input only)	
Input voltage range	0 to 5 VDC, clamped at +5.1 V
Input impedance	10k ohms
Threshold	1.6 VDC

GENERAL

Power	Supplied by an included external power supply. Alternatively, the product can use power supplied over LAN/Ethernet (802.3af, class 2).
External power supply	100 VAC to 240 VAC, 50/60 Hz, external, universal; to 12 VDC, 1 A, regulated
Power input requirements	12 VDC, 0.5 A
Rack mount	Yes, with optional mount kit
Enclosure type	Metal
Enclosure dimensions	1.7" H x 4.3" W x 3.0" D (1U high, quarter rack wide) 4.3 cm H x 10.9 cm W x 7.6 cm D (Depth excludes connectors.)
Product / Shipping weight	0.7 lbs (0.3 kg) / 2 lbs (1 kg)



MODEL

MODEL	VERSION DESCRIPTION	PART #
IPL T CR48	Four contact inputs, eight relays	60-544-05

OPTIONAL ACCESSORIES	MODEL DESCRIPTION	PAGE	PART #
RSU 129	1U 9.5" Deep Universal Rack Shelf Kit	page 819	60-190-01
RSF 123	1U 3.5" Deep VersaTools® Rack Shelf Kit	page 818	60-190-20
MBU 123	VersaTools® Mini Under-Desk Mount Kit	page 815	70-212-01
PMK 100	One VersaTools®, 1/4 Rack Width Mini Projector Mounting Kit	page 813	70-217-01

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